

PM 34

39967-9

10-20-99

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

OCT 20 1999

Stan Oslosky
Bayer Corporation
100 Bayer Road
Pittsburgh, PA 15205-9741

Dear Mr. Oslosky:

Subject: Added Uses
Preventol WB
EPA Registration No. 39967-9
Your resubmission of September 15, 1999

The amendment referred to above, submitted in connection with registration under FIFRA sec. 3(c)(7)(A), is acceptable provided that you:

1. Add the following statement to the revised labeling:

“This product is not cleared for food contact paper and additives.”

2. Submit and/or cite all data or material required for registration/reregistration of your product under FIFRA sec. 3(c)(5) or FIFRA sec.4 when the Agency requires all registrants of similar products to submit such data.

3. Submit two copies of your final printed labeling before you release the product for shipment. Refer to the A-79 Enclosure for further description of final printed labeling.

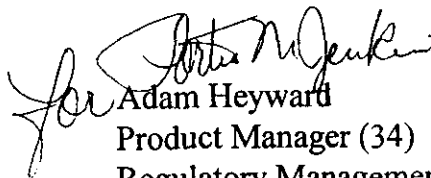
If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

CONCURRENCES							
SYMBOL							
SURNAME							
DATE							

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A stamped copy of the label is enclosed for you records.

Sincerely your,



Adam Heyward
Product Manager (34)
Regulatory Management Branch II
Antimicrobials Division (7510C)

Enclosure

Reason to Issue:
EPA File Symbol Number:

Submission of amended indoor uses
39967-9

U.S. Label "DRAFT"
TO BE PRINTED AS A SINGLE PANEL

Date of Draft: September 14, 1999

Preventol WB

INDUSTRIAL MICROBIOCIDE (DILUTABLE CONCENTRATE)

PRESERVATIVE FOR THE LEATHER INDUSTRY, FOR THE PROTECTION OF CHROME OR VEGETABLE TANNED LEATHER, GLUES, ADHESIVES, PIGMENT SLURRIES, BUILDING MATERIALS SUCH AS JOINT CEMENTS AND CONCRETE ADDITIVES, METAL WORKING FLUIDS, MATERIALS IN THE TEXTILE, PAPER, POLISHES WAXES, PROTEIN SOLUTIONS, CERAMIC GLAZES, FIRE EXTINGUISHING MATERIALS, CLEANING SOLUTIONS AND DETERGENTS.

ACTIVE INGREDIENTS:

p-chloro-m-cresol _____ 29.6%
o-phenylphenol _____ 12.5%

INERT INGREDIENTS _____ 57.9%
_____ 100%

ACCEPTED
with COMMENTS
in EPA Letter Dated:

OCT 20 1999

Under the Federal Insecticide,
Fungicide, and Rodenticide Act as
amended, for the pesticide,
registered under EPA Reg. No. 39967-9

Fibers, Organics and Rubber Division
100 Bayer Road
Pittsburgh, PA 15205-9741

DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

Detailed information on physical and chemical properties and other detailed directions for use can be found in the Preventol WB Technical Information Sheet. Obtain and read this information before undertaking the use of Preventol WB in order to avoid process mistakes.

NOTE TO USER:

For worker protection during mixing, loading and during application, wear a hat, long sleeved shirt, and long legged trousers or overalls. In addition, during mixing and loading, wear rubber or neoprene gloves and protective goggles. Protective clothing should be laundered separately following application.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage and disposal.

Pesticide disposal: Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to the label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

Container disposal: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by incineration, or if allowed by State and Local authorities, by burning. If burned, stay out of smoke.

Handle and open container in a manner as to prevent spillage. If the container is leaking, invert to prevent leakage. If the container is leaking or material spilled for any reason or cause, carefully dam up spilled material to prevent runoff. Refer to Precautionary Statements on label for hazards associated with the handling of this material. Do not walk through spilled material. Absorb spilled material with absorbing type compounds, and dispose of as directed above. You may contact the Bayer Corporation Emergency Response Team for decontamination procedures any other assistance that may be necessary. The Bayer Corporation Pittsburgh Emergency Response Telephone Number is 412/923-1800, or contact CHEMTREC at 800/424-9300.

DISCLAIMER Seller (whether manufacturer, distributor, or other) makes no warranty express or implied, including the implied warranty of merchantability, regarding this product except the composition as set forth in the ingredient statement herein, and shall not be liable for special or consequential damages, the exclusive remedy being the replacement of the product. Buyer or user assumes all risk of possession, handling or use of this material when such use and/or handling is contrary to label instructions.

STOP - READ LABEL BEFORE USING
KEEP OUT OF REACH OF CHILDREN
DANGER

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER! CORROSIVE: Causes irreversible eye damage and skin burns. May be fatal if absorbed through skin. Harmful if swallowed. Do not get in eyes, on skin or on clothing. Wear goggles, face shield, protective clothing and rubber gloves. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.

STATEMENTS OF PRACTICAL TREATMENT (FIRST AID)

If in eyes: Hold the lids open and flush with a gentle steady stream of water for at least 15 minutes. Get medical attention.

If on skin: Wash skin immediately with plenty of soap and water. Get medical attention.

If swallowed: Drink promptly a large quantity of water. Get medical attention. Do not induce vomiting or give anything by mouth to an unconscious person.

NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate gastric lavage.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

PHYSICAL AND CHEMICAL HAZARDS

Avoid contact with eyes and skin. Avoid inhaling vapors or mists. Do not use or store near heat or open flame. Store in original containers away from food and drink. Keep containers tightly sealed. Reseal container immediately after use. Avoid unnecessary contact.

EPA Reg. No. 39967-9

EPA Est. No.: 39967-DEU-002 39967-SC-001 67869-PA-001

Net Contents: _____ Pounds

Bayer Corporation

Preventol is a registered trademark of Bayer AG, Germany

39967-9

Product Information

PREVENTOL WB

Bayer Corporation
 100 Bayer Road
 Pittsburgh, PA 15205-9741
 Phone: 412 777-2000

TECHNICAL INFORMATION

INTRODUCTION

Preventol WB prevents damage and deterioration caused by mold and bacteria to leather, glues, adhesives, pigment slurries, building materials (e.g. concrete additives, joint cements), metal working fluids, materials in the textile industry, materials in the paper industry oil field materials (e.g. drilling muds), polishes, waxes, protein solutions, ceramic glazes, fire extinguishing materials, cleaning solutions and detergents. Due to its special combination of active ingredients, Preventol WB has a wide spectrum of activity, including mold, fungi, bacteria and yeasts. It is readily soluble in water and easy to use.

Uses:

LEATHER

Storage of raw hides

Protection against preservation damage.

Soaking of hides, particularly dried hides

No damage caused by soaking.

Pickled pelts

Protection of pelts against mold, even during shipping over long distances.

Wet Blues

Prevention of mold formation and damage from bacteria, even during prolonged storage and shipping.

Vegetable tanning floats

No tanning material loss due to mold formation, decomposition or acid formation.

All types of finished leather

Gives long-lasting leather protection against the formation of mold.

ADHESIVES AND GLUES

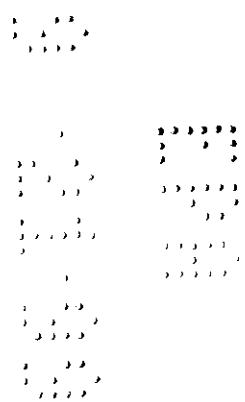
PIGMENT SLURRIES, (kaolin-, calcium carbonate- and others)

MATERIALS IN THE BUILDING INDUSTRY, (e.g. concrete additives, joint cements)

ACCEPTED
 with COMMENTS
 in EPA Letter Dated:
 OCT 20 1999

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No.

399679



5079

METALWORKING FLUIDS

MATERIALS IN THE TEXTILE INDUSTRY

MATERIALS IN THE PAPER INDUSTRY

ADDITIONAL MATERIALS

APPLICATION:

It is advisable to dilute PREVENTOL WB with 2-5 parts of water. This solution should then be added gradually to float or to the product to be preserved. PREVENTOL WB is freely miscible with water. Therefore, lower concentration may be possible.

Physical Chemical Properties

Form Supplied	- Clear, Yellowish brown liquid with a slightly phenolic odor.
Composition	- Combination of phenolic active ingredients, free of pentachlorophenol
Density	- 1.20 - 1.25 g/cm ³ at 20 ° C
PH	- 10.5 (0.1% solution in water)
Ionic Charge	- Anionic
Solubility	- Forms a clear solution in water, lower alcohols and glycols
Solidification point	- -28 ° C
Flash Point	- Above 100° C
Ignition temperature	- Above 500° C

DIRECTIONS FOR USE :

LEATHER TANNING

For use on salted hides:

Preventol WB (diluted 1:3 with water) is poured onto the salt using a watering can and mixed thoroughly (for example by shoveling). When using a mixer, the PREVENTOL WB solution may also be sprayed onto the salt.

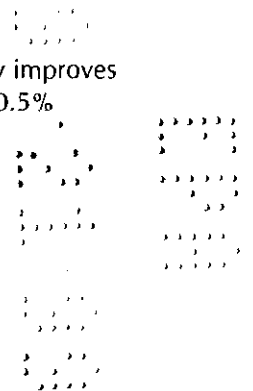
PREVENTOL WB addition on the salted weight: 0.5 - 1%

At least 250-Kg raw hide can be satisfactorily preserved with 100 Kg of salt containing PREVENTOL WB. At this concentration, PREVENTOL WB does not have a tanning effect and does not affect the grain pattern of the hide.

Raw hides that are supplied already salted and which have to undergo a prolonged period of storage should be protected by adding salt containing PREVENTOL WB.

The addition of 0.5 - 1% PREVENTOL WB, calculated on the weight of the raw hide, appreciably improves the effect of the brine. Where the brine is used several times, after each process, approximately 0.5% PREVENTOL WB should be added (calculated on the raw weight of the hide).

Soaking raw hides, particularly dried hides:



300 - 500 g PREVENTOL WB per m³ should be added to the water to be used for soaking. This prevents the damaging activity of microbes during soaking in warm water.

Pickled Pelts:

0.2 - 0.5% PREVENTOL WB, calculated on the weight of the pelts, should be added to the salt solution. After a running time of approximately 10 minutes, the acids are added as usual.

Preservation during the chrome tannage:

PREVENTOL WB should be diluted with 2 - 5 parts water before use.

Good results are obtained if PREVENTOL WB is used as early as the pickle, and is added a few minutes after the salt. In order to make sure that no PREVENTOL WB remains in the piping, this should be flushed with water. After a running time of approximately 10 minutes, the acid may be added as usual.

If the pickle float is drained off, PREVENTOL WB should be applied at the beginning of the chrome tannage process.

Recommendations for wet blues:

0.2 - 0.3% Preventol WB, based on pelt weight.

0.3 - 0.5% Preventol WB in tropical areas and small animal skins.

When determining the dosage OF PREVENTOL WB, climatic conditions, the duration of storage of wet blues and the presence of substances that tend to promote mold formation of chrome leather (ammonia salts, phosphates, surfactants, fatliquoring agents, organic masking agents, etc.) must be taken into account. Therefore, it is only possible to state additions roughly. The optimum addition should be determined by trial for each individual application.

Preservation during vegetable tannage:

Pit Tannage:

50 - 100 g PREVENTOL WB per m³ added to the vegetable tan float is adequate for preservation. The most effective addition should be determined for each case individually. Additions should be diluted 1:2 - 1:3 and should be added gradually while stirring or circulating the float.

Drum Tannage:

0.3 - 0.5% PREVENTOL WB (diluted 1:2 - 1:5 and calculated on pelt weight) is added together with the vegetable tanning substance.

Preservation during retannage:

The preservation of leather is best carried out by adding PREVENTOL WB during the last wet operation, i.e. normally to the fatliquor. To ensure long-lasting protection of the leather against mold, 0.2 - 0.4% PREVENTOL WB, calculated on the shaved weight, should be added. When preparing the fatliquor, dissolve the PREVENTOL WB in the sulfonated or water-soluble fat component, then stir in the untreated oil and emulsify as usual.

ADHESIVES AND GLUES

EFFECTIVE CONCENTRATION

Bone glues	0.20-0.35%
Skin glues	0.25-0.40%
Casein containing glues	0.35-0.55%
Other animal glues	0.20-0.55%
Starch based glues (liquid)	0.30-0.40%
Starch based glues(solid)	0.40-2.00%
Dextrin adhesives	0.20-0.40%
Cellulose adhesives	0.20-0.40%
Other plant based adhesives	0.20-0.50%
Polyvinyl acetate adhesives	0.15-0.40%
Acrylic adhesives	0.15-0.40%
Styrene butadiene adhesives	0.15-0.40%
Other adhesive emulsions	0.15-0.40%
Gumarabic and similar adhesives	0.20-0.35%

The weight of PREVENTOL WB to be used is based on the total weight of the adhesive formulation. The preservative should be incorporated into the adhesive formulation just following the initial addition of water. To achieve fast and homogeneous distribution throughout the entire product, stirring is recommendable. In the production of dry glues, Preventol WB should be added toward the end of thickening in order to minimize any losses of active substance.

PIGMENTSLURRIES

EFFECTIVE CONCENTRATION

Kaolin slurry	0.025-0.15%
Calcium carbonate slurry	0.020-0.15%
Talcum slurry	0.025-0.15%
Iron oxide slurry	0.020-0.15%

The weight of PREVENTOL WB to be used is based on the total weight of the product to be preserved. The preservative is best incorporated into the materials just following the initial addition of water or other liquid components sufficient to disperse the preservative. If incorporation happens at later product stages, stirring is recommendable to ensure homogeneous distribution of the preservative throughout the product.

MATERIALS IN THE
BUILDING INDUSTRY

EFFECTIVE CONCENTRATION

Joint cements	0.20-0.40%
Concrete additives	0.35-0.70%
Other materials and auxiliaries	0.20-0.70%

The weight of PREVENTOL WB to be used is based on the total weight of the product to be preserved. The preservative is best incorporated into the materials just following the initial addition of water or other liquid components sufficient to disperse the preservative. If incorporation happens at later product stages, stirring is recommendable to ensure homogeneous distribution of the preservative throughout the product.

METALWORKING FLUIDS

EFFECTIVE CONCENTRATION

Metalworking fluids-Mineral Oil Based

Metalworking fluids (concentrates)	1,00-4,00%
Metalworking fluids (ready for use)	0.10-0.40%

Metalworking fluids-Non-Mineral Oil Based

Metalworking fluids (concentrates)	1,00-4,00%
Metalworking fluids (ready for use)	0.10-0.40%

PREVENTOL WB can be incorporated into the original concentrate of metalworking fluids (the compatibility with the fluid to be preserved should be evaluated before). PREVENTOL WB is equally suitable for tank side addition.

To achieve fast distribution within the ready-to-use dilution of the metalworking fluid, the preservative should be dosed at a point in the system where good circulation is given

Initial dose: For badly fouled systems, Preventol WB should be added at levels of 0.45 % to 1.20 %. Once control is achieved, add Preventol WB according to the instructions for maintenance treatment

Subsequent dose: Once biological control is established add Preventol WB at levels of 0.10% to 0.40 % do this at the first indication of tank fouling. Testing should be done to determine optimal dose level and frequency of addition of Preventol WB.

Tank cleaning: Metalworking fluid tanks should be drained and cleaned periodically. Frequency of cleaning will depend on factors such as fluid circulation, types of operations being performed and composition of the fluid itself. Testing should be done periodically to evaluated fluid integrity. Complete draining, cleaning and fluid replacement is recommended at least annually.

MATERIALS IN THE
TEXTILE INDUSTRY

EFFECTIVE CONCENTRATION

Printing thickeners (liquid)	0.20-0.40 %
Printing thickeners (solid)	0.50-2.50 %
Sizes and finishing agents	0.20-0.40 %
Yarn humidifiers	0.15-0.35 %
Printing thickeners (liquid)	0.20-0.30 %
Other materials and auxiliaries	0.15-0.40 %

The weight of PREVENTOL WB to be used is based on the total weight of the product to be preserved. The preservative is best incorporated into the materials just following the initial addition of water or other liquid components sufficient to disperse the preservative. If incorporation happens at later product stages, stirring is recommendable to ensure homogeneous distribution of the preservative throughout the product.

In the production of dry printing thickeners, PREVENTOL WB should be added toward the end of thickening to minimize any losses of active substance.

